

Serial No.: 09/668,407

PATENT APPLICATION

Docket No.: NC 84,834

## AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 4, line 22 with the following rewritten paragraph.

The data transfer is performed by combining the data blocks of the chunks into a large data block. The large data block can then be burst written to or burst read from the ~~peeket~~ packet memory using the burst mode of the synchronous dynamic random access memory (SDRAM). The linked list data structure allows a simple and transparent way to maintain a data stream across memories for stage buffering and actual storage, while maintaining correct data relationship.